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(54) Title: IDENTIFICATION OF ENCODED BEADS

## CCD detection Quartz flowcell with teflon filling CDD detection system: The 3 CCD detector plates are positioned on orthogonal axis in Cartesian co-ordinate system around the flow cell

(57) Abstract: The present invention is relates to methods for the identification of spatially encoded beaded or granulated matrices comprising a plurality of immobilised particles. The identification is based on a distance matrix determination or based on a set of geometrical figures, such a triangles, on the basis of which individual matrices can be determined.

2005/061094 A1

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